

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10526492
	Filing Date		2005-08-23
	First Named Inventor	EDER, Helmut C.	
	Art Unit	2618	
	Examiner Name	R. Chan	
	Attorney Docket Number	22409-00007-US	

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	1	0452003		1891-05-12	Lipe	
	2	3043000		1962-07-10	Hatfield, Frederick A.	
	3	D 227118		1973-06-05	Muraoka	
	4	3771685		1973-11-13	Micallef	
	5	4003521		1977-01-18	Hess	
	6	4114627		1978-09-19	Lewyn et al.	
	7	4226164		1980-10-07	Carter	
	8	4240428	A1	1980-12-23	Akhavi	

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9	4305396		1981-12-15	Wittkamp et al.	
10	4343312		1982-08-10	Cals et al.	
11	D267541		1983-01-11	Kanemitsu et al.	
12	4373531		1983-02-15	Wittkamp et al.	
13	4414701		1983-11-15	Johnson	
14	4532930		1985-08-06	Crosby et al.	
15	4543956		1985-10-01	Herscovici	
16	4610621		1986-09-09	Taber et al.	
17	4731718		1988-03-15	Sheu et al.	
18	4895152		1990-01-23	Callaghan et al.	
19	4917504		1990-04-17	Scott et al.	

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	20	4920679		1990-05-01	Sarles et al.	
	21	5014592		1991-05-14	Zweig et al.	
	22	5016280		1991-05-14	Engebretson et al.	
	23	5034918		1991-07-23	Jeong et al.	
	24	5172690		1992-12-22	Nappholz et al.	
	25	5278994		1994-01-11	Black et al.	
	26	D348067		1994-06-21	Lucey et al.	
	27	5565503		1996-10-15	Garcia et al.	
	28	5674264		1997-10-07	Carter et al.	
	29	5758651		1998-06-02	Nygard et al.	
	30	5775652		1998-07-07	Crawshaw et al.	

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	31	5785477		1998-07-28	McGuffey et al.	
	32	5895416		1999-04-20	Barreras, Sr. et al.	
	33	5971334		1999-10-26	Crawshaw et al.	
	34	5963904		1999-10-05	Lee et al.	
	35	6073973		2000-06-13	Boscaljon et al.	
	36	6157861		2000-12-05	Faltys et al.	
	37	6205360	A1	2001-03-20	Carter et al.	
	38	6428484		2002-08-06	Battmer et al.	
	39	6430402		2002-08-06	Agahi-Kesheh	
	40	6463328		2002-10-08	John	
	41	6537200	A1	2003-03-25	Leysieffer et al.	

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42	6571676		2003-06-03	Folsom et al.	
43	6575894	A1	2003-06-10	Leysieffer et al.	
44	6600955		2003-07-29	Zierhofer	
45	6697674	A1	2004-02-24	Leysieffer	
46	6751505		2004-06-15	Van Den Honert et al.	

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	1	20010049466	A1	2001-12-06	Leysieffer et al.	
	2	20040098063	A1	2004-05-20	Goetz	
	3	20050101878	A1	2005-05-12	Daly et al.	
	4	20050245991	A1	2005-11-03	Faltys et al.	

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	1	0414579	GB		1934-08-09	Lloyd Wise & Co.		<input type="checkbox"/>
	2	0282336	EP		1988-09-14	Minnesota Mining & Mfg		<input type="checkbox"/>
	3	9210134	WO		1992-06-25	Knutsson Evert et al.		<input type="checkbox"/>
	4	2266045	GB		1993-10-20	Mandy Nicola Haberman		<input type="checkbox"/>
	5	9324176	WO		1993-12-09	Tippey Keith Edward et al.		<input type="checkbox"/>
	6	9414376	WO		1994-07-07	Cochlear Pty Ltd et al.		<input type="checkbox"/>
	7	9501709	WO		1995-01-12	Univ Melbourne et al.		<input type="checkbox"/>
	8	9612383	WO		1996-04-25	Univ Melbourne et al.		<input type="checkbox"/>
	9	9709863	WO		1997-03-13	Cochlear Ltd et al.		<input type="checkbox"/>

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10	9748447	WO		1997-12-24	Advanced Bionics Corp et al.		<input type="checkbox"/>
11	0076436	WO		2000-12-21	Cochlear Ltd		<input type="checkbox"/>
12	0113991	WO		2001-03-01	Med El Elektromedizinische Ger		<input type="checkbox"/>
13	02082982	WO		2002-10-24	Cochlear Ltd et al.		<input type="checkbox"/>
14	03070322	WO		2003-08-28	Newmedic Internat et al.		<input type="checkbox"/>
15	2004021885	WO		2004-03-18	Cochlear Ltd et al.		<input type="checkbox"/>

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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	BROWN, ET AL., "The Relationship Between EAP and EABR Thresholds and Levels Used to Program the Nucleus 24 Speech Processor: Data from Adults, Ear and Hearing, Volume 21 (2), April 2000, pp. 151-163.	<input type="checkbox"/>
	2	CHARASSE, ET AL., "Automatic analysis of auditory nerve electrically evoked compound action potential with an artificial neural network," Artificial Intelligence in Medicine, 2004 31, 221-229.	<input type="checkbox"/>
	3	DELGADO, ET AL, "Automated Auditory Brainstem Response Interpretation," IEEE Engineering in Medicine and Biology, April/May 1994.	<input type="checkbox"/>

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4	CHARASSE, ET AL., "Comparison of Two Different Methods to Automatically Classify Auditory Nerve Responses Recorded with NRT System," Acta Acustica United with Acustica, Vol. 99 (2004) 512-519.	<input type="checkbox"/>
5	SEYLE, ET AL., "Speech Perception Using Maps Based on Neural Response Telemetry Measures," Ear & Hearing, Copyright © 2002 by Lippincott Williams & Wilkins.	<input type="checkbox"/>
6	VANNIER, ET AL., "Objective detection of brainstem auditory evoked potentials with a priori information from higher presentation levels," Artificial Intelligence in Medicine 25, (2002) 283-301.	<input type="checkbox"/>
7	FRANCK, ET AL., "Estimation of Psychophysical Levels Using the Electrically Evoked Compound Action Potential Measured with the Neural Response Telemetry Capabilities of Cochlear Corporation's C124M Device," Ear & Hearing, Copyright © 2001 by Lippincott Williams & Wilkins.	<input type="checkbox"/>
8	DIJK et al., "Development of a Prototype Fully-Automated Intra-Operative ECAP Recording Tool, Using NRT(TM) v3," 2003 Conference on Implantable Auditory Prostheses (Asilomar), 2003, 7 pages total.	<input type="checkbox"/>
9	HUGHES, ET AL, "Comparison of EAP Thresholds with MAP Levels in the Nucleus 24 Cochlear Implant: Data from Children [Articles], Ear and Hearing, Volume 21 (2), April 2000, pp. 164-174.	<input type="checkbox"/>
10	ABBAS et al., "Electrically Evoked Compound Action Potentials Recorded from Subjects Who Use the Nucleus C124M Device," 2000, Gantz et al. Seventh Symposium on Cochlear Implants in Children, pages 6-9.	<input type="checkbox"/>
11	BAUMGARTE, et al., "A Nonlinear Psychoacoustic Model Applied to the ISO MPEG Layer 3 Coder," Proc. 99th Conv. Aud. Eng. Soc., New York, NY, Oct. 1995, preprint 4087.	<input type="checkbox"/>
12	EDLER, et al., "ASAC-Analysis/Synthesis Audio Codec for Very Low Bit Rates," Proc. 100th Conv. Aud. Eng. Soc., May 1996, preprint 4179.	<input type="checkbox"/>
13	COHEN, ET AL., "Spatial spread of neural excitation in cochlear implant recipients: comparison of improved ECAP method and psychophysical forward masking," Hearing Research, 179 (2003) 72-87.	<input type="checkbox"/>
14	COHEN, ET AL., "Spatial spread of neural excitation: comparison of compound action potential and forward-masking data in cochlear implant recipients," International Journal of Audiology 2004: 43: 346-355.	<input type="checkbox"/>

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15	MILLER, ET AL., "An Improved Method of Reducing Stimulus Artifact in the Electrically Evoked Whole-Nerve Potential," Ear & Hearing, Copyright © 2000 by Lippincott Williams & Wilkins, USA.	<input type="checkbox"/>
16	European Search Report, EP 01 95 9971, dated August 11, 2005	<input type="checkbox"/>
17	International Preliminary Examination Report, PCT/AU01/01032, dated April 10, 2002	<input type="checkbox"/>
18	International Search Report, PCT/AU01/01032, dated October 5, 2001	<input type="checkbox"/>
19	International Search Report and Written Opinion, PCT/US05/21207 dated February 8, 2006	<input type="checkbox"/>
20	International Preliminary Examination Report, PCT/AU02/00500, dated 02-12-03	<input type="checkbox"/>
21	International Search Report, PCT/AU02/00500, dated 06-26-02	<input type="checkbox"/>
22	Supplementary Partial European Search Report, EP 02 71 7863 dated 10-18-05	<input type="checkbox"/>
23	HARTMANN, ET AL., "Evoked Potentials from the Auditory Nerve Following Sinusoidal Electrical Stimulation of the Cochlea: New Possibilities for Preoperative Testing in Cochlear-Implant Candidates?" Acta Otolaryngol (Stockh) 1994; 114, Scandinavian University Press ISSN 0001-648, pages 495-500.	<input type="checkbox"/>

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